

PATENT

Attorney Docket No.: JHU1920-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Beachy et al. Art Unit: 1625
 Application No.: 10/573,945 Examiner: Not Yet Assigned
 I.A. Filing Date: September 29, 2004 Conf. No.: 2047
 Title: HEDGEHOG PATHWAY ANTAGONISTS

Mail Stop PCT

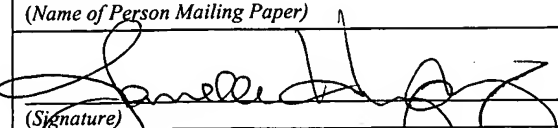
Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35
U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

Sir:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 mailed February 27, 2007, enclosed are:

1. One (1) copy of the Notification of Missing Requirements under 35 U.S.C. 371 mailed February 27, 2007 (2 pages);
2. One (1) executed Declaration for Patent Application (5 pages);
3. One (1) Power of Attorney by Assignee (2 pages); and
4. Return Receipt Postcard.

CERTIFICATION UNDER 37 CFR §1.10 "EXPRESS MAIL" Mailing Label Number: EV 841 623 660 US Date of Deposit: March 7, 2007	
I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
JANELLE HUMPHREY (Name of Person Mailing Paper)	
 (Signature)	March 7, 2007 (Date)

In re Application of:
Beachy et al.
Application No.: 10/573,945
I.A. Filing Date: September 29, 2004
Page 2

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Applicants claim **SMALL ENTITY** status in the above-identified application. Pursuant to 37 C.F.R. § 1.27, a verified statement claiming small entity status is not required.

The filing fee has been calculated as follows.

	Number Filed		Number Extra		Rate			Fee	
					Small Entity	Large Entity		Small Entity	Large Entity
Total Claims	59-20	=	39	X	\$25	\$50	=	[\$ 975.00]	[\$.00]
Independent Claims	21-3	=	18	X	\$100	\$200	=	[\$1,800.00]	[\$.00]
Multiple Dependent Claims Present: ____ Yes <u>x</u> No					\$180	\$360		N/A	N/A
Fee for Each Additional 50 Sheets in Excess of 100 Pages					\$125	\$250		[\$ 125.00]	N/A
					FILING FEE			[\$ 150.00]	[\$ 300.00]
					SEARCH FEE			[\$ 50.00]	[\$ 100.00]
					EXAM FEE			[\$ 100.00]	[\$ 200.00]
					SURCHARGE FEE			[\$ 65.00]	[\$ 130.00]
					TOTAL FEE			[\$3,265.00]	

No fee is deemed necessary in connection with the filing of this paper. However, if a fee is required, the Commissioner is hereby authorized to charge any other fees associated with the filing submitted herewith, or credit any overpayments to Deposit Account No. 07-1896. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: March 7, 2007



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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/573,945	Philip A. BEACHY	JHU1920-1

INTERNATIONAL APPLICATION NO.	
PCT/US04/32482	
I.A. FILING DATE	PRIORITY DATE
09/29/2004	09/29/2003

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CONFIRMATION NO. 2047

371 FORMALITIES LETTER



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Date Mailed: 02/27/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 03/29/2006
- Copy of the International Search Report filed on 03/29/2006
- Preliminary Amendments filed on 03/29/2006
- Oath or Declaration filed on 03/29/2006
- Request for Immediate Examination filed on 03/29/2006
- U.S. Basic National Fees filed on 03/29/2006
- Priority Documents filed on 03/29/2006
- Specification filed on 03/29/2006
- Claims filed on 03/29/2006
- Abstracts filed on 03/29/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/573,945	PCT/US04/32482	JHU1920-1

FORM PCT/DO/EO/905 (371 Formalities Notice)